

#### ABSTRACT OF THE DISCLOSURE

A diaphragm in laminators for the production of photovoltaic cells, including a flexible body comprising at least one first layer engineered as an elastomeric conformable composite of fluorinated rubber or fluorinated silicone rubber and a first cross-linkable polymeric material, the proportion of fluorinated rubber or fluorinated silicone rubber being in the range of 95.0 % by weight to 1.0 % by weight, and said first cross-linkable polymeric material being selected from the group comprising hydrated nitrile rubber, ethylene propylene diene rubber, acrylic nitrile butadiene rubber, ethylene vinyl acetate rubber, fluorinated silicone rubber, silicone rubber or a blend of at least two of these materials.